



Mr. Sam Chummar
Remedial Project Manager
USEPA Region 5
Superfund Division
Remedial Response Section #1
77 W. Jackson Blvd. (SR-6J)
Chicago, IL 60604

Subject:

Kalamazoo Mill and former Hawthorne Mill Time Critical Removal Action Quarterly
Site Control Inspection Report #1

Dear Mr. Chummar:

Attached is the first quarterly post-removal site control inspection report for the Time Critical Removal Action (TCRA) at the Georgia-Pacific Corporation (Georgia-Pacific) Kalamazoo Mill Property and the former Hawthorne Mill Property (collectively referred to as the Mill Properties) and the affiliated consolidation areas. The Mill Properties are associated with the Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site. This report has been prepared pursuant to the Administrative Settlement Agreement and Order on Consent (AOC), Docket No. V-W-'07-C-858 and covers activities from August 11, 2007 through November 11, 2007.

For any questions regarding details of this letter, please feel free to contact me.

Sincerely,

ARCADIS of New York, Inc.

Patrick N. McGuire
Associate

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INDUSTRIAL

Date:

December 11, 2007

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Our ref:

B0066105.002

I. Work Completed During Quarter**Actions Performed**

- A Post-Removal Inspection was conducted on November 11, 2007, which cover field inspections of the Refuse Area, Oxbow Area (at the former Hawthorne Mill Property), and A-Site. The inspections are documented on the Post Removal Inspection Forms, which are provided as Attachment 1.
 - At the Refuse and Oxbow Areas signs are satisfactorily maintained, and the access gates and fencing at the Refuse Area are also in good condition.
 - There are no indications of bank erosion, rip rap instability, stressed vegetation or lack of vegetation in the Refuse and Oxbow Areas. A photographic log of these controls is provided in Attachment 2.
 - Site access roads are satisfactorily maintained for the A-Site, as are the access gates and the fencing that surround this area. As shown in the photographic log in Attachment 2, the temporary cover system remains intact and shows no signs of erosion. The Inspection Form recorded that there was only one area with some stressed vegetation.
- Precipitation data from the Kalamazoo Airport was monitored at least once per week on the Weather Underground website (<http://www.wunderground.com/>). No 5-year, 24-hour (i.e., 3.4 inches/24 hours) rainfall events were observed during this reporting period. Data tables summarizing the daily precipitation measured at the Kalamazoo Airport are provided in Attachment 3.

II. Schedule of Actions to be Performed

- The tentative date for the next quarterly site inspection is February 11, 2008.

Attachment 1

Post-Removal Inspection Forms

Georgia-Pacific Corporation
Time Critical Removal Action
Refuse Area at the Kalamazoo Property and
Oxbow Area at the Former Hawthorne Mill Property
Post-Removal Inspection Form

(A-Site)

Inspection Date: 11-11-07

Weather Conditions: _____

Inspectors: Rich ANSON

Time Arrived: 2:00 (AM/PM)

Time Departed: 3:30 (AM/PM)

A. Site Access Road			
• Erosion/Washout/Settlement	✓		
• Sufficient Gravel	✓		
B. Site Security			
• Access Gates	✓		
• Fence Integrity	✓		
• Signs	✓		
• Locks	✓		
C. A-Site Temporary Cover System			
• Bare Spots			
• Stressed Vegetation	✓		ONE AREA HAS SOME STRESSED VEGETATION NEARBY W. WATER, NOCH
• Cracks	✓		
• Burrowing Animals	✓		
• Erosion	✓		
• Settlement	✓		
• Water Ponding	✓		
• Protruding Objects	✓		
• Undesirable Growth	✓		
• Slope Movement	✓		
D. Sheetpile Wall			

Georgia-Pacific Corporation
Time Critical Removal Action
Refuse Area at the Kalamazoo Property and
Oxbow Area at the Former Hawthorne Mill Property
Post-Removal Inspection Form

Inspection Items	Pass	Fail	Comments
• Erosion Subsidence or Cracking of Soils Behind Wall	✓		
• Wall Joints	✓		
• Overall Wall Stability	✓		
E. Refuse and Oxbow Areas Slope Protection System			
• Bank Erosion			N/A
• Rip Rap Revetment			N/A
• Stressed Vegetation			N/A
• Bare Spots			N/A
I. Overall Site Appearance	✓		Good growth, looks good

Comments/Proposed Action Items:

Georgia-Pacific Corporation
Time Critical Removal Action
Refuse Area at the Kalamazoo Property and
Oxbow Area at the Former Hawthorne Mill Property
Post-Removal Inspection Form

Inspection Date: 11-11-07

Weather Conditions:

Inspectors: Rich ANSON

Time Arrived: 1:00 (AM/PM)

Time Departed: 1:50 (AM/PM)

A. Site Access Road			
• Erosion/Washout/Settlement			N/A
• Sufficient Gravel			N/A
B. Site Security			
• Access Gates	✓		
• Fence Integrity	✓		
• Signs	✓		
• Locks	✓		
C. A-Site Temporary Cover System			
• Bare Spots	✓		
• Stressed Vegetation	✓		
• Cracks	✓		
• Burrowing Animals	✓		
• Erosion	✓		
• Settlement	✓		
• Water Ponding	✓		
• Protruding Objects	✓		
• Undesirable Growth	✓		
• Slope Movement	✓		
D. Sheetpile Wall			

Georgia-Pacific Corporation
Time Critical Removal Action
Refuse Area at the Kalamazoo Property and
Oxbow Area at the Former Hawthorne Mill Property
Post-Removal Inspection Form

Inspection Items	Inspection Location		Comments
	Satisfactory	Unsatisfactory	
• Erosion, Subsidence or Cracking of Soils Behind Wall			N/A
• Wall Joints			N/A
• Overall Wall Stability			N/A
E. Refuse and Oxbow Areas Slope Protection System			
• Bank Erosion	✓		
• Rip Rap Revetment	✓		
• Stressed Vegetation	✓		
• Bare Spots	✓		
I. Overall Site Appearance	✓		Looks Good

Comments/Proposed Action Items:

Georgia-Pacific Corporation
Time Critical Removal Action
Refuse Area at the Kalamazoo Property and
Oxbow Area at the Former Hawthorne Mill Property
Post-Removal Inspection Form

Inspection Date: 11-14-07

Weather Conditions:

Inspectors: RICH ANSON

cloudy 45°

Time Arrived: 10:45 (AM/PM)

Time Departed: 11:45 (AM/PM)

A. Site Access Road			
• Erosion/Washout/Settlement			N/A
• Sufficient Gravel			N/A
B. Site Security			
• Access Gates			N/A
• Fence Integrity			N/A
• Signs	✓		
• Locks			N/A
C. A-Site Temporary Cover System			
• Bare Spots	✓		
• Stressed Vegetation	✓		
• Cracks	✓		
• Burrowing Animals	✓		
• Erosion	✓		
• Settlement	✓		
• Water Ponding	✓		
• Protruding Objects	✓		
• Undesirable Growth	✓		
• Slope Movement	✓		
D. Sheetpile Wall			
			N/A

Georgia-Pacific Corporation
Time Critical Removal Action
Refuse Area at the Kalamazoo Property and
Oxbow Area at the Former Hawthorne Mill Property
Post-Removal Inspection Form

Inspection Items	Condition		Comments
	Satisfactory	Unsatisfactory	
• Erosion Subsidence or Cracking of Soils Behind Wall			N/A
• Wall Joints			N/A
• Overall Wall Stability			N/A
E. Refuse and Oxbow Areas Slope Protection System			
• Bank Erosion	✓		
• Rip Rap Revetment	✓		
• Stressed Vegetation	✓		
• Bare Spots	✓		
I. Overall Site Appearance	✓		Replanted vegetation growth

Comments/Proposed Action Items:

Attachment 2

Photographic Log

A-Site

**Georgia-Pacific Time Critical Removal Action Quarterly Site Inspection Report
Photographic Log
Attachment 2**



February 2007 - Temporary cover at A-Site planted with shallow-rooted grasses.



May 2007 - A-Site post remedial activities.

**Georgia-Pacific Time Critical Removal Action Quarterly Site Inspection Report
Photographic Log
Attachment 2**



November 11, 2007 - Vegetative layer on the temporary cover at A-Site.

Refuse Area

**Georgia-Pacific Time Critical Removal Action Quarterly Site Inspection Report
Photographic Log
Attachment 2**



May 2007 - Refuse Area post remedial activities.



November 11, 2007 - Vegetative cover at the Refuse Area.

Georgia-Pacific Time Critical Removal Action Quarterly Site Inspection Report
Photographic Log
Attachment 2



November 11, 2007 - Layer of riprap at the Refuse Area along the Kalamazoo River.

Oxbow Area

**Georgia-Pacific Time Critical Removal Action Quarterly Site Inspection Report
Photographic Log
Attachment 2**



May 2007 - Oxbow Area post removal activities.



November 11, 2007 - Vegetative cover at the Oxbow Area.

Georgia-Pacific Time Critical Removal Action Quarterly Site Inspection Report
Photographic Log
Attachment 2



November 11, 2007 - Vegetative cover at the Oxbow Area.

Attachment 3

Precipitation Data Tables

Georgia Pacific Time Critical Removal Action Quarterly Site Inspection Report
Weather Data Table
Attachment 3

Date	Precipitation Sum (Inches)
8/12/2007	0
8/13/2007	0
8/14/2007	0
8/15/2007	0.01
8/16/2007	0
8/17/2007	0
8/18/2007	0.18
8/19/2007	1.22
8/20/2007	0.62
8/21/2007	0.01
8/22/2007	0.45
8/23/2007	0.37
8/24/2007	0.2
8/25/2007	0.29
8/26/2007	0
8/27/2007	0
8/28/2007	0
8/29/2007	0
8/30/2007	0
8/31/2007	0

Georgia Pacific Time Critical Removal Action Quarterly Site Inspection Report
Weather Data Table
Attachment 3

Date	Precipitation Sum (Inches)
9/1/2007	0
9/2/2007	0
9/3/2007	0
9/4/2007	0
9/5/2007	0
9/6/2007	0
9/7/2007	0.1
9/8/2007	0
9/10/2007	0.28
9/11/2007	0.05
9/12/2007	0
9/13/2007	0
9/14/2007	0
9/15/2007	0
9/16/2007	0
9/17/2007	0
9/18/2007	0
9/19/2007	0
9/20/2007	0
9/21/2007	0
9/22/2007	0.09
9/23/2007	0
9/24/2007	0
9/25/2007	1
9/26/2007	0.08
9/27/2007	0.12
9/28/2007	0.01
9/29/2007	0
9/30/2007	0

Georgia Pacific Time Critical Removal Action Quarterly Site Inspection Report
Weather Data Table
Attachment 3

Date	Precipitation Sum (Inches)
10/1/2007	0.61
10/2/2007	0
10/3/2007	0.08
10/4/2007	0
10/5/2007	0.05
10/6/2007	0
10/7/2007	0
10/8/2007	0.05
10/9/2007	0.07
10/10/2007	0.35
10/11/2007	0
10/12/2007	0
10/13/2007	0
10/14/2007	0.1
10/15/2007	0.01
10/16/2007	0.22
10/17/2007	0.01
10/18/2007	0.75
10/19/2007	0.12
10/20/2007	0
10/21/2007	0
10/22/2007	0.25
10/23/2007	0.17
10/24/2007	0
10/25/2007	0
10/26/2007	0.27
10/27/2007	0.14
10/28/2007	0
10/29/2007	0
10/30/2007	0
10/31/2007	0.03

Georgia Pacific Time Critical Removal Action Quarterly Site Inspection Report
Weather Data Table
Attachment 3

Date	Precipitation Sum (Inches)
11/1/2007	0
11/2/2007	0.01
11/3/2007	0
11/4/2007	0
11/5/2007	0.07
11/6/2007	0.08
11/7/2007	0
11/8/2007	0
11/9/2007	0
11/10/2007	0
11/11/2007	0.05